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ATGGCCGTATGGCCGCCCGAACCCTCCTCTGCTACTCTCGGGGGCCCTGGCCCTGACCCAGACCTGGCGGGTGAGTGGGGGTGGGAGGAAACCCGCTCTGGGGGAGAAAG
 CAAGGGGCCCTCCTGGCGGGGGCGCAGGACGGGGGAGCCGCGCGGAGGAGGGTCTGGGCAGGTCTCAGCCACTGCTCGCCCCCAGGCTCCACCTCCATGAGGATTTCTCTCAC
 ATCCGTGTCCCGCCCGGCCCGGGGAGCCCCGCTTCATCGCCGTGGGCTACGTGGACGACACGCGAGTTGCTGGGTTCGACAGCGACGCCCGGAGCCAGAGATGGAGCCCGGGG
 CGCCGTGGATAGACAGGAGGGGGGAGGAGTATTGGGACCAAGGAGACATGTAAGGACCACTCACACACTGACCGAGCGAACCCTGGGGACCCCTGGCGGGCTACTACAACCA
 GAGCGAGGACGGTGAGTGACCCCGCGCGCGGCGCAGGTACAGACCCCTCATCCCCACGACGCGGCCAGGTGCCCCACAGTCTCCGGTCCGAGATCCACCCCGAAGCCCGGGGA
 CTCCGAGACCCCTGTCCCGGAGAGGCCCGCCCTTTACCCGGTTTCATTTTCAGTTTAGGCCAAAAATCCCCCGGTTTGTGGGGCGGGGGGCTCGGGGACTGGGCT
 GACCCGGGGTCCGGGGCCAGGTTCTCACACCATCCAGATAATTGTAATGGCTGCGACGTGGGGCCGACCGGGCGCTTCTCCGGGTACCGGACGCCCTACGACGGCAAGGAT
 TACATCGCCCTGAAAGAGACCTGCGCTCTTGGACCGCGCGGGGACATGGCCAGCTCAGATCACCAAGCGCAAGTGGGAGGCGGTCCATGCGCGGAGCGAGAGTCTACCTGG
 AGGGCGGGTGGAGGGCTCCCGCAGATACCTGGAGAACGGGAAGGAGACGCTGCAGCGCACGGGTACAGGGGCCACGGGGCGCTCCCTGATCGCCTATAGATCTCCCGGGC
 TGGCCTCCCACTAGGAGGGGAGACAAATGGGAGCAACACTAGAAATATCACCTCCCTCTG

FIGURE 1

[illegible]

FIGURE 2

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CTAGAGAAGCCAAATCAGCGTCGCCGCGGCTCCAGATCTCCTCAGACGCCGAGATGCTGGTCTATGGCGCCCCCGAACCCGTCCTC
CTGCTGCTCTCGCGCGGCCCTTGGCCCTTGACCGAGACCTGGGCCCGGTGAGTGGGGTCCGAGGGAATGGCCCTCTGCCGGAGGAGCGAGGGGACCGAGGGCGGGGCGCAGGACCT
GAGGAGCCCGCGCGGAGGAGGTCCGGCGGGTCTCAGCCCCCTCTCAGCCCCAGGCTCCCACTCCATCAGGTA
CTTCAATCTCAGTGGGCTACGTGGACGACACCCAGTTCGTGAGTTCGACAGCGCCGCGAGTCCGAGGAGCCCGGGCGCGCTGGATAGAGCAGGAGGGGCGCGGAGTAT
TGGGACCGGACACACACAGATCTCAAGGCCACAGCACAGACTGACCGAGGAGCTCGGCGGAACCTGCGCGGCTACTACAACAGAGCGAGGCCCGGTGAGTGACCCCGGCGCAGAGCC
CGCAGGTACGACTCCCCATCCCCCAGTACGGCCCCGGTCCGCCCGAGTCCGCCCTCCCTGAGGCCCGGGGACCCGCCACAGACCCCTCGACCGGGCGAGAGCC
CCAGCGCGCTTACCCGGTTTCATTTTCAGTTGAGGCCAAATCCCGCGGGTTGGTCCGGCGGGGCGGGGCTCGGGGACTGGGCTGACCCCGGGGCGGGGCGCAGGGTCTCAC
ACCCCTCCAGAGGATGTACGGCTGCGGACGTGGGCGCGGACGGGGCGCTCTCCCGCGGCGGATGACCCAGTACCGGCGGCGGATATACATCGCCCTGAACGAGGACCTGCGCT
CCTGGACCGCCCGGACACGGGGCTCAGATCACCCAGCGCAAGTGGGAGGGCGGCCCTGAGGGGAGAGCTACCTGGAGGGCGGCTGGTGGAGCTCCCGCAG
*583 362**363 *369 412* 418**419 *435 527* 539* *559 *571

FIGURE 3

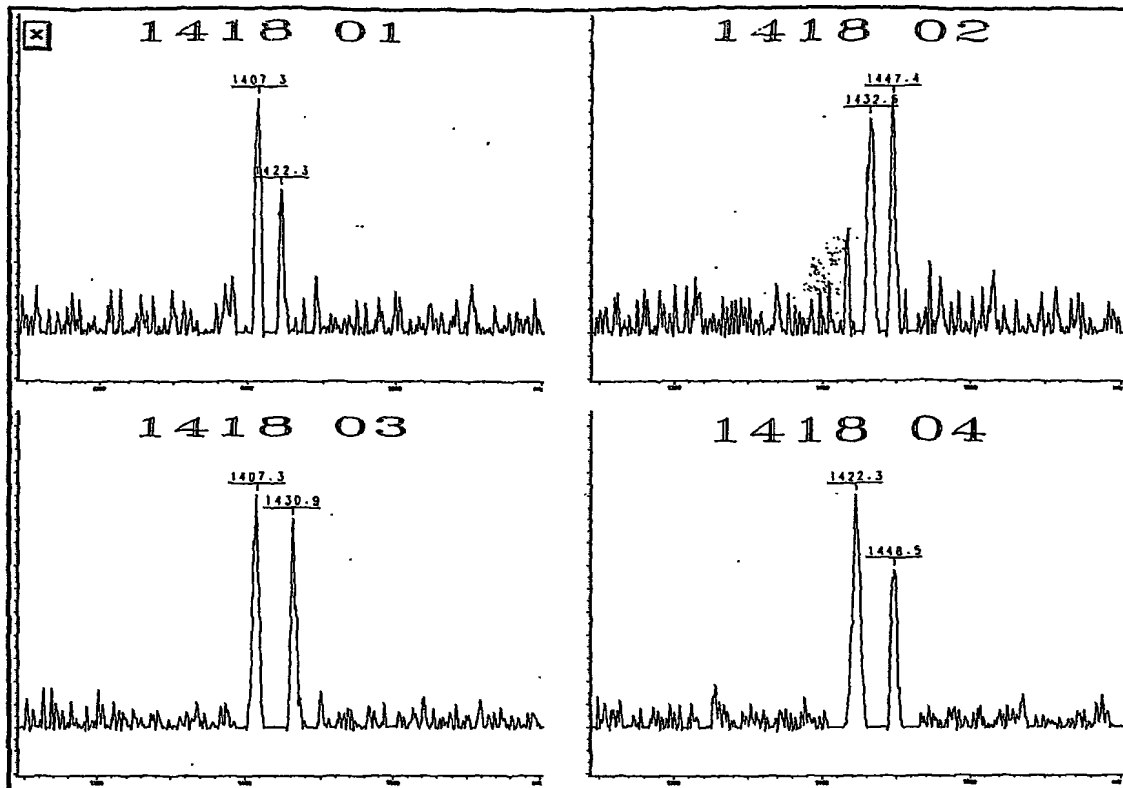
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CTGCTGCTCTCGGGCGGCTCGCCCTTGACCGAGACTGGGCCGCTGAGTCCGGTCCGGAGGGAATGGCCCTCTGCCCGGAGGAGCGAGGGGACCCGAGCGCGGGGCGCAGGACCT
GAGGAGCCGCGCGGAGGAGGGTCCGGCGGCTCTCAGCCCTCTCAGCCCTCTCAGCCCTCAGGCTCCCACTCCATGAGGTATTTCTACACCTCCGTGTCCCGGCCCGCGCGGGAGCCCCCG
CTTCACTCTCAGTGGCTACGTGGACGACACCCAGTTCGTGAGGTTTCGACAGCGACGCCCGGAGTCCGAGCAGAGCCCGGCGCGCTGGATAGAGCAGGAGGGGCCCCGAGTAT
TGGGACCGGAACACACAGATCTCAAGGCCACGACAGACTGACCGAGTCCGCGGAACCTGCGGGCTACTACAACCCAGAGCGAGGCCGCTGAGTGACCCCCGCGCGGG
CGCAGGTACGACTCCCCCATCCCCCACGTACGGCCCCGGGTCCGCCCGAGTCTCCGGTCCGAGATCCGCTCCCTGAGGCCCGCGGACCCGCCACAGACCCTCGACCCGCGCAGAGCC
CCAGGCGGTTTACCCGGTTTCATTTTCACTTGAGGCCAAATCCCGCGGGTTGGTCCGGCGGGCGGGGCTCGGGGACTGGGCTGACCGCGGGGCGCGGGCCAGGGTCTCAC
362**363 *369 412* *419 *559
ACCTTCAGAGCATGTAAGGTGCGACGTGGGGCGGACGGCGGCTCTCCCTCCCGGGGCTACAGTACCGCTACGACGGCAAGGATACATCGCCCTGAACGAGGACCTTGGCT
CCTGGACCGCGCGGACACGGCGCTCAGATCACCCAGCGCAAGTGGAGGGCGGCGGCTGAGCGCGGAGAGCGCTACCTGGAGGGCGAGTGGAGAGGAGTGGCTCCCGCAG

FIGURE 4

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GAACACCCCGGAGGACCGTTCCTTGGCAGCTTAAGTTCGAAATGTCATTCTTCAATGGGACGGAGCGGGTGGCTGGAAAGATGCATCTATTAACCAAGAGGAGTCCGTGC
196**197
GCTTCGACAGCGACGTTGGGGAGTACCGGGCGGTGACCGGAGCTGGGGCGCCCTGATGCCGAGTACTGGAAACAGCCAGAAAGSACCTCCTGGAGCGAGCGGGGCCCGGGTGGACAC
227* 261 286* 299* 308
CTACTGCAGACACAACCTACCGGGTGGTGAGAGCTTCAGAGCTGAGCGCGCGCGGGCGGGGCGCTGAGTCCCTGTGAGCGGAGAA
341* 345

FIGURE 5

**FIGURE 6**